

Aussie Eco-Clean Pressure Cleaner Trouble Shooting Guide

Trouble shooting - common to all pressure cleaners

Symptoms	Cause	Action
No pressure	Unloader jammed Worn unloader valve Debris in pump valves	Replace unloader valve, contact Distributor for service Replace unloader valve, contact Distributor for service Wash out pump , flush manifold and install inlet water filter, clean valves
Pump runs normally but pressure is low	Pump is sucking air Valves worn or dirty Unloader seat worn or damaged Nozzle worn, missing or incorrect Worn piston packing Insufficient water supply Relief valve jammed, plugged or improperly adjusted	Check that hoses and fittings are tight Contact Distributor for service Contact Distributor for service Check user manual for correct nozzle size, replace if worn Contact Distributor for service Check supply, clean or replace water filter if fitted Clean, adjust relief valve, contact Distributor for service
Pressure fluctuates	Valves are worn, dirty or stuck Pump sucking air Worn piston packings	Contact Distributor for service Check that hoses and fittings are tight Contact Distributor for service
Pressure drops	Worn nozzle Valves are worn, dirty or stuck Unloader valve seat worn or dirty Worn piston packings Cracked pistons as a result of dry running	Check and replace Contact Distributor for service Contact Distributor for service Contact Distributor for service Contact Distributor for service
Pulsation	Faulty pulsation dampener	Check pre-charge, if low recharge or replace
High pressure hose vibrates	Pump is sucking air from empty detergent tank Pump sucking air from hoses or fittings Air in water circuit Valves dirty or stuck Insufficient water supply	Refill the detergent tank Tighten detergent valve Check for leaks. Tighten all fittings. Disconnect high pressure hose and let machine run until water is flowing constantly without air Contact Distributor for service Check supply, clean or replace water filter if fitted.
Machine is noisy	Pump sucking air Valves worn, dirty or stuck Worn bearings Water too hot	Check hoses and fittings are tight Contact Distributor for service Contact Distributor for service Reduce temperature to below 60EC
Pump oil is milky (water in oil)	Worn packings and oil seals High humidity in air Sand or dirt entering system	Contact Distributor for service Check and change oil more frequently Check supply, use only clean water and fit water filter if required
Water dripping from pump	Worn piston packings O-rings of piston guide or retainer worn	Contact Distributor for service Contact Distributor for service
Oil leak	Travel plug in use on pump Worn oil seals Oil level too high Loose drain plug	Replace with breather plug Contact Distributor for service Consult user manual Check drain plug fitted correctly
Unloader valve is 'knocking' during operation	Water nozzle partially blocked Water filter dirty	Clean water nozzle Clean water filter
Unloader valve is 'knocking' when gun is closed	Gun is leaking Air in water circuit Damaged high pressure hose Faulty unloader valve	Clean inside gun removing any deposits or build-up See 'High pressure hose vibrates', above Check and replace Contact Distributor for service
No detergent supply	Empty detergent tank Detergent valve stuck Intake hose and/or filter dirty	Refill detergent tank Check and replace Check and clean
Pressure gauge shows high pressure fluctuations when shutting off gun	Valve set too high above operating pressure Dirty valve	Adjust the unloader at the operating pressure. Clean valve (removing lime deposits etc, Grease parts before installing.
Leaky by-pass at nominal pressure	Nozzle too small, too much water. Worn out by-pass valve	Check user manual for correct nozzle size Replace valve, contact Distributor for service

Electric machines

Symptoms	Cause	Action
Machine does not start	Power not connected Wrong voltage Power cable damaged	Check plug, cable and switch Check main voltage Contact Distributor for service
Motor hums but does not run	Voltage supply is too low Pump is stuck Spray gun not activated Cross section of extension lead too small	Check power supply for correct voltage Manually turn motor Activate spray gun when switching on Use correct dimension extension lead
Motor stops suddenly	Cut out switch activated due to overheating	Check power supply is correct. Disconnect machine and allow to cool off for a few minutes.
Motor trips out	Unit run on excessive extension lead Power lead or plug damaged Excessive pressure build up Motor down to earth e.g. water ingress Suction amperage cut-out set too low	Remove lead Fix or replace Check pressure, nozzle size, unloader setting Electrician to rest, fix or replace Reset to correct setting



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Engine drive machines

Symptoms	Cause	Action
Machine does not start	Battery dead Battery cables disconnected Engine, pump or gearbox is seized Low oil shutdown is activated Low on fuel	Recharge or replace battery Clean connections and reconnect cables Replace or repair seized part Add oil to engine, consult user guide Add fuel
Engine slows down under load, whenever gun trigger is pressed	Engine needs service	Consult engine manufacturers handbook

For further assistance with engine trouble shooting consult the manufacturers handbook

Hot water & Steam cleaners

Symptoms	Cause	Action
Burner is smoking	Water in the fuel tank Fuel pressure incorrect Air throttle adjusted incorrectly Electrodes positioned incorrectly Fuel nozzle dirty Fuel nozzle worn or damaged Heating coil blocked by soot Fuel pump dirty Fuel solenoid valve not working	Empty fuel tank, clean and refill with clean fuel Contact Distributor for service Contact Distributor for service Contact Distributor for service Contact Distributor for service Contact Distributor for service Clean heating coil Contact Distributor for service Contact Distributor for service
Burner will not fire	Burner switch not on Diesel fuel level low Trigger on spray gun not pulled Fuel filter blocked Overload on burner motor tripped Low water pump pressure Fuel blockage Electrode gap incorrect No power to electrodes	Turn switch on Add diesel Squeeze trigger to fire burner Clean and replace if necessary Contact Distributor for service Trouble shoot pump Check fuel system for low, clear blockage Reset Get electrician to trace power, report or replace faulty parts
Burner cuts out during operation	Fuel tank is empty (burner will produce white smoke) Suction filter is dirty Water in fuel Pressure switch not functioning Ignition transformer faulty Rotation of electrodes Fuel nozzle is dirty Fuel nozzle is worn Fuel pump is faulty Fuel solenoid valve not working Fuse burnt out	Refill the fuel tank Remove filter and clean using fuel and a brush Empty fuel tank, clean and refill with clean fuel Contact Distributor for service Contact Distributor for service Check and replace
Water does not reach working temperature	Thermostat adjusted too low Thermostat is faulty Scale build up in water circuit Burner sooted	Adjust thermostat Contact Distributor for service Contact Distributor for service Contact Distributor for service
Descale device not working	Descale bottle is empty Liquid does not drip (Lines blocked due to long storage) Electronic programmer damaged	Check and refill Contact Distributor for service Contact Distributor for service

**NEED MORE ASSISTANCE WITH YOUR PRESSURE CLEANER TROUBLE-SHOOTING? ...
CALL AUSSIE OR YOUR LOCAL AUSSIE DEALER**



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